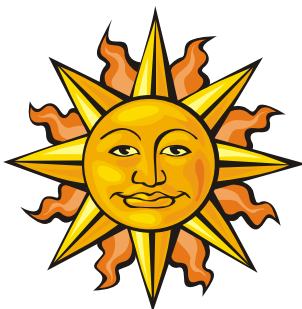


MDAQMD
Community Relations & Education Office

The Community Relations & Education Office (CRE) provides community outreach, media relations and public educational services. Speakers on air quality topics are available to schools, public groups, government organizations and business associations. CRE staff also represent the District at local conferences and community events which promote the District's environmental and business-friendly philosophies.

CRE also serves as headquarters for the Mojave Environmental Education Consortium (MEEC), a subdivision of the Californian Regional Environmental Education Community (CREEC). MEEC links High Desert Educators with the most effective environmental education resources at no charge! MEEC sponsors local environmental workshops, science fairs and regional events.

Our Staff works closely with other agencies, and organizations who share our goals of protecting the environment, educating the public and supporting the business community.



Clean Power Education Center

MDAQMD
14306 Park Ave
Victorville, CA 92392



Credit: Darrald Bennett

CPEC Mission Statement

To educate and raise the awareness of our community on the alternative energy choices now available that can impact our present world energy demands.



To schedule a tour
contact the MDAQMD
Community Relations
& Education Department
at: (760) 245-1661 x6717



Welcome to the



www.mdaqmd.ca.gov

Clean Power Education Center

2004-2005 Feature:

Solar Energy

Presented by:

Mojave Desert A.Q.M.D.
&
Mojave Environmental Education Consortium
(MEEC)



Promoting renewable sources of energy -
for the benefit of our environment.

Solar electric systems make environmental sense. Solar arrays produce no harmful emissions such as nitrous oxides, sulfur dioxide and carbon dioxide, which are major contributors to smog, acid rain and global warming.

The Clean Power Education Center (CPEC)

2004-2005 Feature:

Solar Energy



Showcasing

MDAQMD Solar Array - a working 1/48th scale solar model of the District's Solar Electric System.

How A Solar Cell Works - An interactive display showing how a solar cell works.

Photovoltaic Solar Cells - actual size PV solar cells.

Solar Kiosk - a touch screen, interactive display - has been customized to the MDAQMD's specific system, showcasing the District's solar electric system, highlighting it's performance data. (www.mdaqmd.ca.gov)

Solar Concentrating Reflector Panel - Used to harness the sun's energy to create electric power in the solar Electric Generating Systems (SEGS).

What is renewable energy?



Currently, the United States relies heavily on fossil fuels for much of its energy. Fossil fuels, like coal & oil are nonrenewable, which means they will eventually run out. As the supply diminishes, the more costly they become. Renewable energy resources-such as wind and solar energy-are constantly replenished and will never run out.

Here in the High Desert, the wind keeps blowing and the sun keeps shining, so we don't have to worry about running out of it.



NASA uses hydrogen fuel to launch the space shuttles. *Credit: NASA*



Modern
Wind
Turbines.



Water contains many educational wonders, including energy. *Credit: Dave Parsons*

Renewable Energy Is Clean Power

By using renewable energy and energy-efficient technologies in homes, schools, businesses, or automobiles, we can reduce utility bills and impact the environment by reducing the need for fossil fuels, which are being depleted.

There are many renewable energy technologies available for electricity production, as well ways to save money through energy efficiency.

